

The STP Program is part of the Sun-Earth Connection
(SEC) division within the Office of Space Science

Solar Terrestrial Probes

Revealing Sun-Earth Connections

The Sun is an active, variable, magnetic star with oscillations on its surface and deep within its burning interior. Variations in solar activity cause changes in the space environment that affect our Solar System, life and society. Solar Terrestrial Probes are a sequence of missions designed to study these changes that scientists refer to as "space weather" and will provide a critical link for understanding the physical processes of the Sun-Earth connection.

Visit Us on the Web:

Solar Terrestrial Probes Program:
<http://stp.gsfc.nasa.gov>

For More Information, See:

Sun-Earth Connection:
<http://sec.gsfc.nasa.gov>

Living With a Star:
<http://lws.gsfc.nasa.gov>

Solar and Heliospheric Observatory:
<http://sohowww.nascom.nasa.gov>

Sun-Earth Connection Education Forum:
<http://sunearth.gsfc.nasa.gov/>



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The STP Program offers a continuous sequence of flexible missions designed to systematically study the Sun-Earth system.

The goals and objectives of the STP Program are aligned with the Sun-Earth Connection Theme Science goals and objectives.

Understanding how the Sun, heliosphere, and planetary environments are connected in a single system.

Understanding the changing flow of energy and matter throughout the Sun, heliosphere and planetary environments.

Exploring the fundamental physical processes of plasma systems in the solar system.

